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PATENTS, TRADEMARKS AND COPYRIGHTS

January 18, 2000

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Certificate of Correction Branch

Re: Certificate of Correction

U.S. Patent No. 5,990,300 Inventors: Hiatt et al. Our File: ROSE 3.0-036

Title: ENZYME CATALYZED TEMPLATE-

INDEPENDENT CREATION OF PHOSPHODIESTER BONDS USING

PROTECTED NUCLEOTIDES

CERTIFICATE

MAR 3 2000

OF CORRECTION

Sir:

Enclosed herewith is an original and one copy of a Certificate of Correction with respect to the above-identified U.S. Patent.

The corrections indicated should be made as the application as originally filed does not contain such error. There is no requirement for payment of a fee, since the error was made by the Patent Office.

We look forward to early return of the copy of the Certificate of Correction duly certified.

Respectfully submitted,

LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, DLP

THOMAS M. PALISI

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APPROVED

AUG 2 3 2000

FOR THE DIRECTOR OF USPTO

TMP/ds Enclosures 237937_1.DOC

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 5,990,300

DATED: November 23, 1999

INVENTOR(S) : Hiatt et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6, line 7 before the formula insert -- Phosphodiester: The group--. Column 10, line 14-15, 3'-O-CO-R₁'. R₁'0 should read --3'-O-CO-R₁'. R₁' Column 13, line 14, "MM CoCl₂" should read -- "mM CoCl₂" --.

--3'-dGGGGGGGGGGGGGGACGTC-5'--.

Column 24, line 10, "10 MM MgCl₂" should read --10mM MgCl₂--. (

MAILING ADDRESS OF SENDER:

PATENT NO. 5,990,300

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